

Observing Plan for Station Control (LCU)

MPIfR Effelsberg LOFAR Station

2013-09-10 through 2013-09-18

Date		CEST																								Code Markers	
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		0
2013-09-10	Tu	ELP2012-022AN Verbiest												*0	ELP2012-022AN Verbiest												
2013-09-11	We	ELP2012-022AN Verbiest												*0	ELP2012-022AN Verbiest												
2013-09-12	Th	ELP2012-022AN Verbiest												*0	ELP2012-022AN Verbiest												
2013-09-13	Fr	ELP2012-022AN Verbiest												*0	ELP2012-022AN Verbiest												
2013-09-14	Sa	ELP2012-022AN Verbiest												*0	ELP2012-022AN Verbiest												
2013-09-15	Su	ELP2012-022AN Verbiest												*0	ELP2012-022AN Verbiest												
2013-09-16	Mo	ELP2012-022AN Verbiest												*0	ELG2013-000W Koehler et al.												
2013-09-17	Tu	ELG2013-000W Koehler et al.			ELS2013-001 Koehler et				ELG2013-000W Koehler et al					ELP2012-022AN Verbiest													
2013-09-18	We	ELP2012-022AN Verbiest												*0	*2	ELI2013-000 ILT Operations											1
UTC		22	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
LST		0						Sunrise6						12						Sunset							

Normal Experiment Code Markers

- 0 ELP2013-006 Verbiest, Kuniyoshi
- 1 ELP2012-022AN Verbiest
- 2 ELM2013-012 Kuniyoshi, Horneff

Other Code Markers

Color Meanings

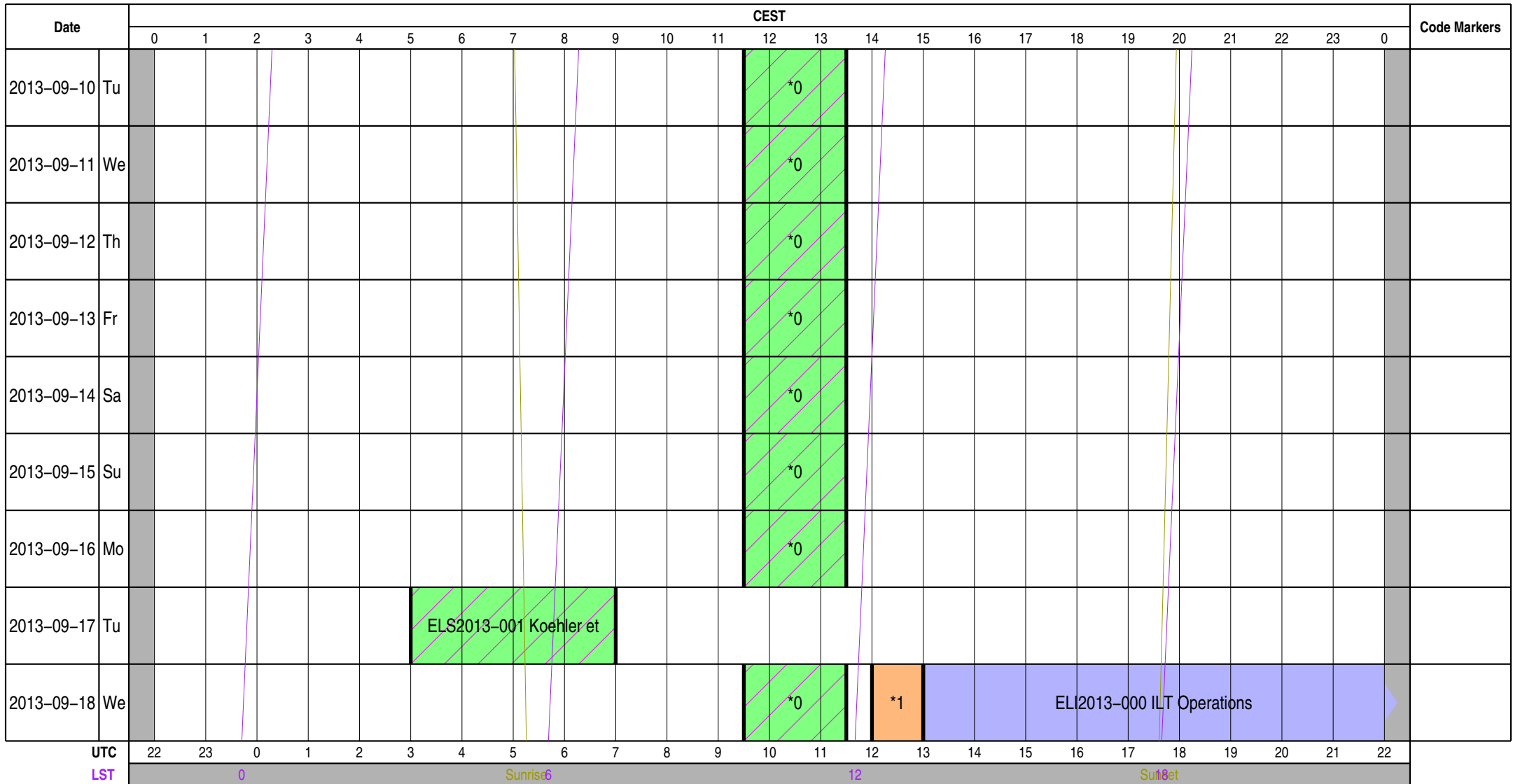
- | | | | |
|---------------------------|--------------------------|-------------------|---------------------------|
| Science A (Astrometry) | Science O (Other) | ILT Mode | Piggyback Without Control |
| Science C (Cosmology) | Science P (Pulsar) | Effelsberg Mode | Experiment Warning |
| Science E (Extragalactic) | Science R (Cosmic Rays) | GLOW Mode | Override Possible |
| Science G (Galactic) | Science S (Solar System) | Juelich Mode | |
| Science H (Ionosphere) | Test Observation | Station Failure | |
| Science N (AGN) | Maintenance Mode | Piggyback Control | |

Observing Plan for Transient Buffer Boards

MPIfR Effelsberg LOFAR Station

2013-09-10 through 2013-09-18

For any publication based on observations with the Effelsberg LOFAR station, please use the following acknowledgment: "Based on observations made with the Effelsberg LOFAR station of the Max-Planck-Institut für Radioastronomie (MPIfR) at Effelsberg."



Normal Experiment Code Markers

- 0 ELP2013-006 Verbiest, Kuniyoshi
- 1 ELM2013-012 Kuniyoshi, Horneff

Other Code Markers

Color Meanings

- | | | | |
|---------------------------|--------------------------|-------------------|---------------------------|
| Science A (Astrometry) | Science O (Other) | ILT Mode | Piggyback Without Control |
| Science C (Cosmology) | Science P (Pulsar) | Effelsberg Mode | Experiment Warning |
| Science E (Extragalactic) | Science R (Cosmic Rays) | GLOW Mode | Override Possible |
| Science G (Galactic) | Science S (Solar System) | Juelich Mode | |
| Science H (Ionosphere) | Test Observation | Station Failure | |
| Science N (AGN) | Maintenance Mode | Piggyback Control | |

Observing Plan for HBA MPIfR Effelsberg LOFAR Station 2013-09-10 through 2013-09-18

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Date	CEST																								Code Markers
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
2013-09-10 Tu	ELP2012-022AN Verbiest											*0	ELP2012-022AN Verbiest												
2013-09-11 We	ELP2012-022AN Verbiest											*0	ELP2012-022AN Verbiest												
2013-09-12 Th	ELP2012-022AN Verbiest											*0	ELP2012-022AN Verbiest												
2013-09-13 Fr	ELP2012-022AN Verbiest											*0	ELP2012-022AN Verbiest												
2013-09-14 Sa	ELP2012-022AN Verbiest											*0	ELP2012-022AN Verbiest												
2013-09-15 Su	ELP2012-022AN Verbiest											*0	ELP2012-022AN Verbiest												
2013-09-16 Mo	ELP2012-022AN Verbiest											*0													
2013-09-17 Tu													ELP2012-022AN Verbiest												
2013-09-18 We	ELP2012-022AN Verbiest											*0	*2	ELI2013-000 ILT Operations											1

UTC	22	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
LST	0											Sunrise6					12	Sunset							

Normal Experiment Code Markers

- 0 ELP2013-006 Verbiest, Kuniyoshi
- 1 ELP2012-022AN Verbiest
- 2 ELM2013-012 Kuniyoshi, Horneff

Other Code Markers

Color Meanings

- | | | | |
|---------------------------|--------------------------|-------------------|---------------------------|
| Science A (Astrometry) | Science O (Other) | ILT Mode | Piggyback Without Control |
| Science C (Cosmology) | Science P (Pulsar) | Effelsberg Mode | Experiment Warning |
| Science E (Extragalactic) | Science R (Cosmic Rays) | GLOW Mode | Override Possible |
| Science G (Galactic) | Science S (Solar System) | Juelich Mode | |
| Science H (Ionosphere) | Test Observation | Station Failure | |
| Science N (AGN) | Maintenance Mode | Piggyback Control | |

Observing Plan for Low Band High (LBA) MPIfR Effelsberg LOFAR Station 2013-09-10 through 2013-09-18

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Date	Day	CEST																								Code Markers	
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		0
2013-09-10	Tu													*0													
2013-09-11	We													*0													
2013-09-12	Th													*0													
2013-09-13	Fr													*0													
2013-09-14	Sa													*0													
2013-09-15	Su													*0													
2013-09-16	Mo													*0	ELG2013-000W Koehler et al.												
2013-09-17	Tu	ELG2013-000W Koehler et al.			ELS2013-001 Koehler et			ELG2013-000W Koehler et al																			
2013-09-18	We													*0		*1	ELI2013-000 ILT Operations										
UTC		22	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
LST		0			Sunrise6						12						Sunset										

Normal Experiment Code Markers

- 0 ELP2013-006 Verbiest, Kuniyoshi
- 1 ELM2013-012 Kuniyoshi, Horneff

Other Code Markers

Color Meanings

- | | | | |
|---------------------------|--------------------------|-------------------|---------------------------|
| Science A (Astrometry) | Science O (Other) | ILT Mode | Piggyback Without Control |
| Science C (Cosmology) | Science P (Pulsar) | Effelsberg Mode | Experiment Warning |
| Science E (Extragalactic) | Science R (Cosmic Rays) | GLOW Mode | Override Possible |
| Science G (Galactic) | Science S (Solar System) | Juelich Mode | |
| Science H (Ionosphere) | Test Observation | Station Failure | |
| Science N (AGN) | Maintenance Mode | Piggyback Control | |

Observing Plan for Station Interferometer

MPIfR Effelsberg LOFAR Station

2013-09-10 through 2013-09-18

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Date	CEST																								Code Markers	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		0
2013-09-10 Tu													*0													
2013-09-11 We													*0													
2013-09-12 Th													*0													
2013-09-13 Fr													*0													
2013-09-14 Sa													*0													
2013-09-15 Su													*0													
2013-09-16 Mo													*0													
2013-09-17 Tu																										
2013-09-18 We													*0		*1	ELI2013-000 ILT Operations										
UTC	22	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
LST	0																									
	Sunrise6												12				Sunset									

Normal Experiment Code Markers

- 0 ELP2013-006 Verbiest, Kuniyoshi
- 1 ELM2013-012 Kuniyoshi, Horneff

Other Code Markers

Color Meanings

- | | | | |
|---------------------------|--------------------------|-------------------|---------------------------|
| Science A (Astrometry) | Science O (Other) | ILT Mode | Piggyback Without Control |
| Science C (Cosmology) | Science P (Pulsar) | Effelsberg Mode | Experiment Warning |
| Science E (Extragalactic) | Science R (Cosmic Rays) | GLOW Mode | Override Possible |
| Science G (Galactic) | Science S (Solar System) | Juelich Mode | |
| Science H (Ionosphere) | Test Observation | Station Failure | |
| Science N (AGN) | Maintenance Mode | Piggyback Control | |

Observing Plan for IofarBN Computers

MPIfR Effelsberg LOFAR Station

2013-09-10 through 2013-09-18

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Date		CEST																								Code Markers	
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		0
2013-09-10	Tu	ELP2012-022AN Verbiest												*0	ELP2012-022AN Verbiest												
2013-09-11	We	ELP2012-022AN Verbiest												*0	ELP2012-022AN Verbiest												
2013-09-12	Th	ELP2012-022AN Verbiest												*0	ELP2012-022AN Verbiest												
2013-09-13	Fr	ELP2012-022AN Verbiest												*0	ELP2012-022AN Verbiest												
2013-09-14	Sa	ELP2012-022AN Verbiest												*0	ELP2012-022AN Verbiest												
2013-09-15	Su	ELP2012-022AN Verbiest												*0	ELP2012-022AN Verbiest												
2013-09-16	Mo	ELP2012-022AN Verbiest												*0	ELG2013-000W Koehler et al.												
2013-09-17	Tu	ELG2013-000W Koehler et al.			ELS2013-001 Koehler et				ELG2013-000W Koehler et al					ELP2012-022AN Verbiest													
2013-09-18	We	ELP2012-022AN Verbiest												*0													1

UTC	22	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
LST	0			Sunrise6						12						Sunset									

Normal Experiment Code Markers

- 0 ELP2013-006 Verbiest, Kuniyosh
- 1 ELP2012-022AN Verbiest

Other Code Markers

Color Meanings

- | | | | |
|---------------------------|--------------------------|-------------------|---------------------------|
| Science A (Astrometry) | Science O (Other) | ILT Mode | Piggyback Without Control |
| Science C (Cosmology) | Science P (Pulsar) | Effelsberg Mode | Experiment Warning |
| Science E (Extragalactic) | Science R (Cosmic Rays) | GLOW Mode | Override Possible |
| Science G (Galactic) | Science S (Solar System) | Juelich Mode | |
| Science H (Ionosphere) | Test Observation | Station Failure | |
| Science N (AGN) | Maintenance Mode | Piggyback Control | |

Observing Plan for Iofarx Computer MPIfR Effelsberg LOFAR Station 2013-09-10 through 2013-09-18

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Date	Day	CEST																								Code Markers	
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		0
2013-09-10	Tu					ELP2012-022AN Verbiest								*0						ELP2012-022AN Verbiest							
2013-09-11	We					ELP2012-022AN Verbiest								*0						ELP2012-022AN Verbiest							
2013-09-12	Th					ELP2012-022AN Verbiest								*0						ELP2012-022AN Verbiest							
2013-09-13	Fr					ELP2012-022AN Verbiest								*0						ELP2012-022AN Verbiest							
2013-09-14	Sa					ELP2012-022AN Verbiest								*0						ELP2012-022AN Verbiest							
2013-09-15	Su					ELP2012-022AN Verbiest								*0						ELP2012-022AN Verbiest							
2013-09-16	Mo					ELP2012-022AN Verbiest								*0						ELG2013-000W Koehler et al.							
2013-09-17	Tu		ELG2013-000W Koehler et al.				ELS2013-001 Koehler et		ELG2013-000W Koehler et al											ELP2012-022AN Verbiest							
2013-09-18	We					ELP2012-022AN Verbiest								*0													1

UTC	22	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
LST		0						Sunrise6						12						Sunset					

Normal Experiment Code Markers

- 0 ELP2013-006 Verbiest, Kuniyoshi
- 1 ELP2012-022AN Verbiest
- 2 ELM2013-012 Kuniyoshi, Horneff

Other Code Markers

Color Meanings

- | | | | |
|---------------------------|--------------------------|-------------------|---------------------------|
| Science A (Astrometry) | Science O (Other) | ILT Mode | Piggyback Without Control |
| Science C (Cosmology) | Science P (Pulsar) | Effelsberg Mode | Experiment Warning |
| Science E (Extragalactic) | Science R (Cosmic Rays) | GLOW Mode | Override Possible |
| Science G (Galactic) | Science S (Solar System) | Juelich Mode | |
| Science H (Ionosphere) | Test Observation | Station Failure | |
| Science N (AGN) | Maintenance Mode | Piggyback Control | |

Observing Plan for lofarsrv Computer

MPIfR Effelsberg LOFAR Station

2013-09-10 through 2013-09-18

Date	CEST																								Code Markers											
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		0										
2013-09-10 Tu													*0																							
2013-09-11 We													*0																							
2013-09-12 Th													*0																							
2013-09-13 Fr													*0																							
2013-09-14 Sa													*0																							
2013-09-15 Su													*0																							
2013-09-16 Mo													*0																							
2013-09-17 Tu							ELS2013-001 Koehler et																													
2013-09-18 We													*0																							
UTC	22	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22											
LST	0																																			
	Sunrise6												12												Sunset											

Normal Experiment Code Markers

0 ELP2013-006 Verbiest, Kuniyosh

Other Code Markers

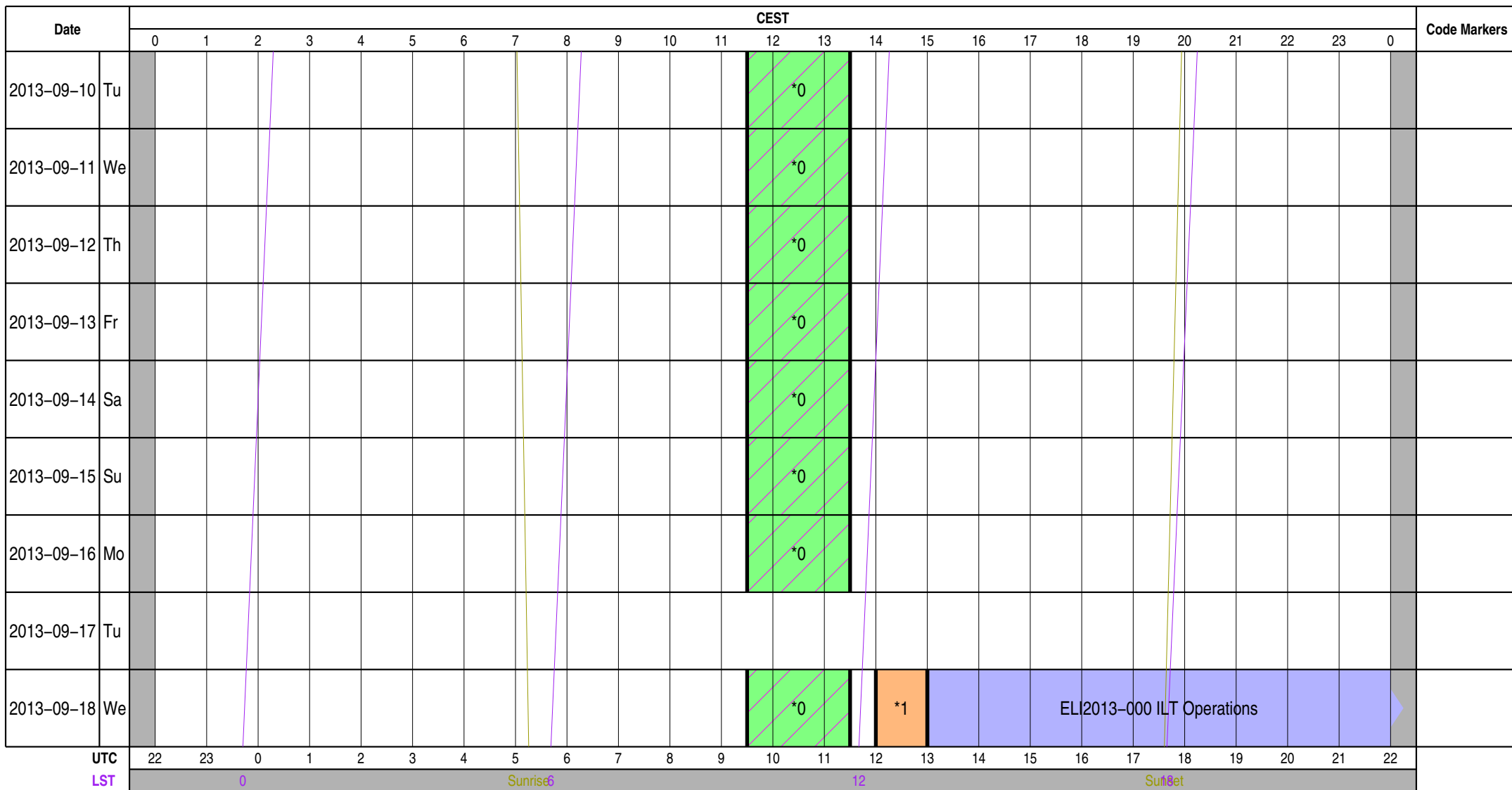
Color Meanings

Science A (Astrometry)	Science O (Other)	ILT Mode	Piggyback Without Control
Science C (Cosmology)	Science P (Pulsar)	Effelsberg Mode	Experiment Warning
Science E (Extragalactic)	Science R (Cosmic Rays)	GLOW Mode	Override Possible
Science G (Galactic)	Science S (Solar System)	Juelich Mode	
Science H (Ionosphere)	Test Observation	Station Failure	
Science N (AGN)	Maintenance Mode	Piggyback Control	

Observing Plan for LOFAR Fiber Connection

MPIfR Effelsberg LOFAR Station

2013-09-10 through 2013-09-18



Normal Experiment Code Markers

- 0 ELP2013-006 Verbiest, Kuniyoshi
- 1 ELM2013-012 Kuniyoshi, Horneff

Other Code Markers

Color Meanings

- | | | | |
|---------------------------|--------------------------|-------------------|---------------------------|
| Science A (Astrometry) | Science O (Other) | ILT Mode | Piggyback Without Control |
| Science C (Cosmology) | Science P (Pulsar) | Effelsberg Mode | Experiment Warning |
| Science E (Extragalactic) | Science R (Cosmic Rays) | GLOW Mode | Override Possible |
| Science G (Galactic) | Science S (Solar System) | Juelich Mode | |
| Science H (Ionosphere) | Test Observation | Station Failure | |
| Science N (AGN) | Maintenance Mode | Piggyback Control | |

Observing Plan for LOFAR Bonn--EF Fiber Connection

MPIfR Effelsberg LOFAR Station

2013-09-10 through 2013-09-18

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Date	CEST																								Code Markers	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		0
2013-09-10 Tu													*0													
2013-09-11 We													*0													
2013-09-12 Th													*0													
2013-09-13 Fr													*0													
2013-09-14 Sa													*0													
2013-09-15 Su													*0													
2013-09-16 Mo													*0													
2013-09-17 Tu																										
2013-09-18 We													*0													

UTC 22 23 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22

LST 0 Sunrise6 12 Sunset

Normal Experiment Code Markers

0 ELP2013-006 Verbiest, Kuniyoshi

Other Code Markers

Color Meanings

Science A (Astrometry)	Science O (Other)	ILT Mode	Piggyback Without Control
Science C (Cosmology)	Science P (Pulsar)	Effelsberg Mode	Experiment Warning
Science E (Extragalactic)	Science R (Cosmic Rays)	GLOW Mode	Override Possible
Science G (Galactic)	Science S (Solar System)	Juelich Mode	
Science H (Ionosphere)	Test Observation	Station Failure	
Science N (AGN)	Maintenance Mode	Piggyback Control	

Version: draft
 Creation Date: 2013-09-17T10:03:57.620613Z
 Operator Telephone: +49 2257 301 155
 Web Page: https://deki.mpifr-bonn.mpg.de/Cooperations/LOFAR/Effelsberg_LOFAR_Schedule

Observing Plan for Operator On-Duty

MPIfR Effelsberg LOFAR Station

2013-09-10 through 2013-09-18

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Date	CEST																								Code Markers	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23		0
2013-09-10 Tu																										
2013-09-11 We																										
2013-09-12 Th																										
2013-09-13 Fr																										
2013-09-14 Sa																										
2013-09-15 Su																										
2013-09-16 Mo																										
2013-09-17 Tu																										
2013-09-18 We																										

UTC	22	23	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
LST			0					Sunrise6							12						Sunset				

Normal Experiment Code Markers

Other Code Markers

Color Meanings

- 100 m Operator
- Anderson
- Kuniyoshi
- Horneffer
- Other
- Unknown

Experiment Information for Normal Observations

ELG2013-000	Koehler et al.	jana@mpifr-bonn.mpg.de	+49 228 525 533	LC0_044 Studying large-scale polarization properties of the
ELG2013-000 W	Koehler et al.	jana@mpifr-bonn.mpg.de	+49 228 525 533	LC0_044 Studying large-scale polarization properties of the
ELG2013-000 W	Koehler et al.	jana@mpifr-bonn.mpg.de	+49 228 525 533	LC0_044 Studying large-scale polarization properties of the
ELI2013-000	ILT Operations	observer@astron.nl	+31 521 595 777	Main ILT Observations, ILT Operations only on-duty 9--17, M
ELI2013-000	ILT Operations	observer@astron.nl	+31 521 595 777	Main ILT Observations, ILT Operations only on-duty 9--17, M
ELM2013-012	Kuniyoshi, Horneffer, Anderson	lofar-ops@mpifr-bonn.mpg.de	+49 228 525 356	Handover operations for local to ILT mode (MPIFR time)
ELM2013-012	Kuniyoshi, Horneffer, Anderson	lofar-ops@mpifr-bonn.mpg.de	+49 228 525 356	Handover operations for local to ILT mode (MPIFR time)
ELP2012-022	Verbiest	verbiest@mpifr-bonn.mpg.de	+49 228 525 246	Assessing the Timing Potential of LOFAR for Pulsars
ELP2012-022 AN	Verbiest	verbiest@mpifr-bonn.mpg.de	+49 228 525 246	Assessing the Timing Potential of LOFAR for Pulsars
ELP2012-022 AN	Verbiest	verbiest@mpifr-bonn.mpg.de	+49 228 525 246	Assessing the Timing Potential of LOFAR for Pulsars
ELP2012-022 AN	Verbiest	verbiest@mpifr-bonn.mpg.de	+49 228 525 246	Assessing the Timing Potential of LOFAR for Pulsars
ELP2012-022 AN	Verbiest	verbiest@mpifr-bonn.mpg.de	+49 228 525 246	Assessing the Timing Potential of LOFAR for Pulsars
ELP2012-022 AN	Verbiest	verbiest@mpifr-bonn.mpg.de	+49 228 525 246	Assessing the Timing Potential of LOFAR for Pulsars
ELP2012-022 AN	Verbiest	verbiest@mpifr-bonn.mpg.de	+49 228 525 246	Assessing the Timing Potential of LOFAR for Pulsars
ELP2012-022 AN	Verbiest	verbiest@mpifr-bonn.mpg.de	+49 228 525 246	Assessing the Timing Potential of LOFAR for Pulsars
ELP2012-022 AN	Verbiest	verbiest@mpifr-bonn.mpg.de	+49 228 525 246	Assessing the Timing Potential of LOFAR for Pulsars
ELP2013-006	Verbiest, Kuniyoshi	joris.verbiest@gmail.com	+49 521 106 3184	Mapping the Solar Heliosphere with LOFAR Observations of Pu
ELP2013-006	Verbiest, Kuniyoshi	joris.verbiest@gmail.com	+49 521 106 3184	Mapping the Solar Heliosphere with LOFAR Observations of Pu
ELP2013-006	Verbiest, Kuniyoshi	joris.verbiest@gmail.com	+49 521 106 3184	Mapping the Solar Heliosphere with LOFAR Observations of Pu
ELP2013-006	Verbiest, Kuniyoshi	joris.verbiest@gmail.com	+49 521 106 3184	Mapping the Solar Heliosphere with LOFAR Observations of Pu
ELP2013-006	Verbiest, Kuniyoshi	joris.verbiest@gmail.com	+49 521 106 3184	Mapping the Solar Heliosphere with LOFAR Observations of Pu
ELP2013-006	Verbiest, Kuniyoshi	joris.verbiest@gmail.com	+49 521 106 3184	Mapping the Solar Heliosphere with LOFAR Observations of Pu
ELP2013-006	Verbiest, Kuniyoshi	joris.verbiest@gmail.com	+49 521 106 3184	Mapping the Solar Heliosphere with LOFAR Observations of Pu
ELP2013-006	Verbiest, Kuniyoshi	joris.verbiest@gmail.com	+49 521 106 3184	Mapping the Solar Heliosphere with LOFAR Observations of Pu
ELS2013-001	Koehler et al.	jana@mpifr-bonn.mpg.de	+49 228 525 533	Observation of Jupiter Io-A Event
ELS2013-001	Koehler et al.	jana@mpifr-bonn.mpg.de	+49 228 525 533	Observation of Jupiter Io-A Event

Experiment Information for Other Actions

Experiment Information for Operator On-Duty Schedule

Time Usage [hours] for Normal Observations

Experiment Code	station	TBB	HBA	LBH	LBL	interfe	lofarAN	lofarBN	lofarx	lofarsr	fiber	BN--EF_	duty
ELG2013-000	20.00			20.00				20.00	20.00				
ELG2013-000 W	15.50			15.50				15.50	15.50				
ELG2013-000 W	4.50			4.50				4.50	4.50				
ELI2013-000	9.00	9.00	9.00	9.00	9.00	9.00						9.00	
ELI2013-000	9.00	9.00	9.00	9.00	9.00	9.00						9.00	
ELM2013-012	1.00	1.00	1.00	1.00	1.00	1.00			1.00			1.00	
ELM2013-012	1.00	1.00	1.00	1.00	1.00	1.00			1.00			1.00	
ELP2012-022	166.00		166.00					166.00	166.00				
ELP2012-022 AN	11.50		11.50					11.50	11.50				
ELP2012-022 AN	22.00		22.00					22.00	22.00				
ELP2012-022 AN	22.00		22.00					22.00	22.00				
ELP2012-022 AN	22.00		22.00					22.00	22.00				
ELP2012-022 AN	22.00		22.00					22.00	22.00				
ELP2012-022 AN	22.00		22.00					22.00	22.00				
ELP2012-022 AN	22.00		22.00					22.00	22.00				
ELP2012-022 AN	22.00		22.00					22.00	22.00				
ELP2012-022 AN	0.50		0.50					0.50	0.50				
ELP2013-006	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	16.00	
ELP2013-006	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
ELP2013-006	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
ELP2013-006	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
ELP2013-006	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
ELP2013-006	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
ELP2013-006	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
ELP2013-006	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
ELP2013-006	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
ELP2013-006	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
ELS2013-001	4.00	4.00		4.00				4.00	4.00	4.00	4.00		
ELS2013-001	4.00	4.00		4.00				4.00	4.00	4.00	4.00		

Time Usage [hours] for Other Actions

Experiment Code	station	TBB	HBA	LBH	LBL	interfe	lofarAN	lofarBN	lofarx	lofarsr	fiber	BN--EF_	duty
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Time Usage [hours] for Operator On-Duty Schedule

Experiment Code

station

TBB

HBA

LBH

LBL

interfe

lofarAN

lofarBN

lofarx

lofarsr

fiber

BN--EF_

duty

